



ENGINEERING REPORT

**A PETITION FOR RULE MAKING
TO AMEND THE FM TABLE OF ALLOTMENTS

TO ASSIGN FM CHANNEL 280A
TO COON VALLEY, WISCONSIN**

JUNE 1997

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Before the
Federal Communications Commission
Washington, DC 20554

RECEIVED

JUN 10 1997

In the Matter of)
)
Amendment of Section 73.202(b)) RM-
Table of Allotments,)
FM Broadcast Stations.)
)
(Coon Valley, Wisconsin))

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF SECRETARY

To: Mass Media Bureau (Policy & Rules)

Petition for Rule Making

Sparta-Tomah Broadcasting Company, Inc., ("Sparta-Tomah"),
by its attorney, respectfully petitions for rule making so as to
allot Channel 280A to Coon Valley, Wisconsin, as that community's
first local FM service. In support thereof, the following is
shown.

Coon Valley is an incorporated village, located on U.S.
Highway 61 in Vernon County. Its population, according to the
1990 U.S. Census, is 817. Coon Valley has its own Post Office
and zip code: 54623. It is an independent community governed by
an elected president and board. It has its own water and sewer
treatment facilities, police department and is well along in the
process of developing a public library. It is home to a Lion's
Club, American Legion Post, two churches, one bank, an Industrial
Park, and the usual complement of other businesses and organi-
zations generally found in communities of its size. This rule
making will provide the first local radio service to Coon Valley.

The proposed reference coordinates for the new allotment are

North Latitude 43° 42' 08"; West Longitude 91° 00' 48". As shown by the attached spacing study prepared by Evans Associates, Channel 280A may be allotted to Coon Valley at these reference coordinates consistent with all spacing requirements and good engineering practice. A signal of 3.16 mV/m will be placed over the entire community of Coon Valley from the reference coordinates, using maximum Class A facilities. Adopting the rule making proposed herein will serve the public interest.

Sparta-Tomah will promptly apply for a construction permit for the new station upon favorable Commission action on this petition, and will promptly construct the new facilities upon grant of the application.

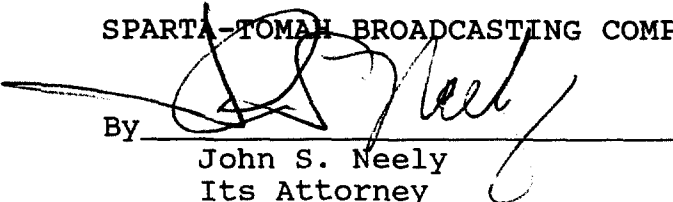
In view of the above, the Commission should amend Section 73.202(b) as follows:

<u>City</u>	<u>Current</u>	<u>Proposed</u>
Coon Valley, Wisconsin	---	280A

Respectfully Submitted,

SPARTA-TOMAH BROADCASTING COMPANY, INC.

By


John S. Neely
Its Attorney

June 10, 1997

Miller & Miller, P.C.
P.O. Box 33003
Washington, DC 20033



ENGINEERING STATEMENT

This Engineering Statement and the attached Figure 1 have been prepared by B. Benjamin Evans, P.E. of Evans Associates, Consulting Communications Engineers in Thiensville, Wisconsin. This exhibit supports a petition by Sparta-Tomah Broadcasting Company, Inc., requesting modification of the Table of FM Allotments to specify FM Channel 280A at Coon Valley, Wisconsin.

Evans Associates has been retained by Sparta-Tomah Broadcasting Company, Inc. ("petitioner") to prepare the engineering portion of a petition for rule making to assign FM Channel 280A to Coon Valley, Wisconsin.

The village of Coon Valley is located in Vernon County in western Wisconsin. The population of Coon Valley in 1990 was 817 persons. The instant FM channel, if assigned, would provide the city of Coon Valley with its first local broadcast service.

As a result of a frequency search conducted by the petitioner, it has been determined that Channel 280A may be assigned to Coon Valley, Wisconsin as a "drop-in" without affecting any existing FM assignments. Therefore, it is proposed that Section 73.202(b) of the FCC Rules and Regulations be amended in the following manner:

<u>Community</u>	<u>Proposed</u>
Coon Valley, Wisconsin	280A

It is the petitioner's intention to apply for a construction permit to operate on the FM channel proposed herein, if it is assigned.

The reference point coordinates of Coon Valley are:

N. 43°-42'-08"; W. 91°-00'-48"


The assignment of Channel 280A to Coon Valley will meet all minimum distance separation requirements under the FCC Rules without a site restriction (see attached Figure 1).



Petition for Rule Making for New FM Assignment in Coon Valley, WI
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In view of the above, it is believed that the assignment of Channel 280A to Coon Valley, Wisconsin would be in the public interest.

The foregoing statement and the attached figures are true and accurate to the best of my knowledge and belief.



B. Benjamin Evans, P.E.

June 4, 1997

Figure 1 - - - - - Allocation Study - Channel 280A, Coon Valley, WI



Evans Associates
210 S. Main Street
Thiensville, WI 53092
FM FREQUENCY ALLOCATION STUDY

Channel: 280A (103.9 MHz) 6 KW ERP
Coordinates: 43 - 42 - 8 91 - 0 - 48 100 M HAAT
Job Title: SPARTA-TOMAH BCSTG - COON VALLEY WI Φ indicates 73.215 Facility
Cl.A Spacing: 73.207

CALL	Φ CITY	CH/CL-ZN	HERP	VERP	-kw	LATITUDE	BEAR-to	DIST-km	REQ
STATUS	ST-CTRY	FCC#	(m)-HAAT	MAXHAT	HAMSL	LONGITUDE	-from- $^{\circ}$ T	CLEAR-km	-km
WIZMFM	La Crosse	227C	100.	100.		43 48 23	292.3 $^{\circ}$	30.8	28.5
LIC	WI US	BLH830527AE	311	380	579	91 22 4	112.0 $^{\circ}$	+2.3	
▪Family Radio, Inc.									
KNEIFM	Waukon	278C2	9.3	9.3		43 18 28	219.2 $^{\circ}$	56.5	54.5
LIC	IA US	BLH961115KB	175	243	488	91 27 18	38.9 $^{\circ}$	+2.0	
▪David H. Hogendorn									
WWIB	HALLIE	279C1	100.	100.		45 6 35	355.7 $^{\circ}$	156.8	132.5
LIC	WI US	BMLH950914KC	207	236	534	91 9 43	175.6 $^{\circ}$	+24.3	
▪Stewards of Sound, Inc.									
WAXX	Eau Claire	283C	100.	100.	BT	44 39 51	2.2 $^{\circ}$	106.9	94.5
LIC	WI US	BLH7142	549	578	867	90 57 41	182.2 $^{\circ}$	+12.4	
▪Central Communications, Inc.									

>> *** CHANNEL SUITABLE FOR ASSIGNMENT *** <<